

REMARKS

Claims 1, 2 and 4 are pending, claims 3, 5 and 6 having been canceled above and claims 1 and 4 having been amended above.

Independent claims 1 and 4 (and dependent claim 2), stand objected to for lack of clarity. In response to this objection, "in order from the object side" has been deleted from the last 3 lines of claim 1, and from the last line of claim 4, as suggested by the Examiner. Thus, it is believed that the above Amendment has overcome the basis for this objection.

Claim 4 stands objected to as being dependent upon a rejected claim, but was indicated as being otherwise allowable if written in independent form including all the limitations of the base claim and any intervening claims. Accordingly, claim 4 has been placed in independent form so as to include all the limitations of claim 3, from which it previously depended. Thus, claim 4 should now be allowable.

Having canceled claims 3, 5 and 6, having amended claims 1 and 4 as suggested by the Examiner for greater clarity, and having placed claim 4 in independent form, it is believed that all pending claims of the application should now be allowable. Accordingly, an early Notice of Allowability is earnestly solicited.

Attached hereto is a Version Showing Changes Made. Please charge any fees that may be due, including any extension fee, to the undersigned's Deposit Account No. 01-2509.

Respectfully submitted,

ARNOLD INTERNATIONAL

By Bruce Y. Arnold
Bruce Y. Arnold
Reg. No. 28,493

(703) 759-2991

P.O. Box 129
Great Falls, VA 22066-0129

Attachment: Version Showing Changes Made

VERSION SHOWING CHANGES MADE

1. (Amended) A wide-angle, single focus lens comprising four lenses of negative, positive, negative, and positive refractive power, in sequential order from the object side, wherein:

the first lens is concave on the object side;

the second lens has at least one surface that is aspheric;

the fourth lens is convex on the image side and has at least one of its surfaces aspheric;

and

the following conditions are satisfied

$$-2.0 < f / f_1 < -0.5$$

$$0.5 < f / f_2 < 2.0$$

$$0.5 < f / f_4 < 2.0$$

where

f is the focal length of the wide-angle, single focus lens,

f₁ is the focal length of the first lens [in order from the object side],

f₂ is the focal length of the second lens [in order from the object side], and

f₄ is the focal length of the fourth lens[, in order from the object side].

4. (Amended) [The wide-angle, single focus lens as described in Claim 3] A wide-angle, single focus lens comprising four lenses of negative, positive, negative, and positive refractive power, in sequential order from the object side, wherein:

the first lens in order from the object side is concave on the object side;

the second lens in order from the object side has at least one surface that is aspheric; and

the fourth lens in order from the object side is convex on the image side and has at least one surface that is aspheric; [.] and

[wherein] the following condition is satisfied:

$$-2.0 < f / f_1 < -0.5$$

where

f is the focal length of the wide-angle, single focus lens, and

f₁ is the focal length of the first lens [in order from the object side].